

20020113.qrp v02_n435.qrl.20020113

Date: Sun, 13 Jan 2002 19:03:14 EST
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 2435

QRP-L Digest 2435

Topics covered in this issue include:

- 1) [117506] Epiphyte 3 saga continues
by "John A. Evans - N0HJ" <jaevans@codenet.net>
- 2) [117507] question - harbor freight punch?
by Michael Goins <mgoins@usa.net>
- 3) [117508] Elmer 001 - The Pixie 2 Project
by "Brice D. Hornback" <bdh@cyberbound.net>
- 4) [117509] FOX W0UFO 1-10-02 Prelim
by MertNellis@aol.com
- 5) [117510] NAQP 2002 QRP
by "TC Dufresne" <tdufresne@neb.rr.com>
- 6) [117511] WM-2 question
by Bruce Rattray <ratttray@gpfn.sk.ca>
- 7) [117512] WM-2
by Bruce Rattray <ratttray@gpfn.sk.ca>
- 8) [117513]
by Carlos J Caro <ccaro3@juno.com>
- 9) [117514] WM-2 question
by Bruce Rattray <ratttray@gpfn.sk.ca>
- 10) [117515] Re: WM-2 question
by Steve <k8pz@earthlink.net>
- 11) [117516] Re: HW 8 & PSK31
by John R Kirby <n3aaz-qrp@juno.com>
- 12) [117517] Re: NAQP 2002 QRP
by Jim Campbell <jim-c@nc.rr.com>
- 13) [117518] Re: WM-2 question
by George Franklin <w0av@juno.com>
- 14) [117519] Re: question - harbor freight punch?
by "Jim Kortge, K8IQY" <jokortge@prodigy.net>
- 15) [117520] AT in PA on Jan 12 Trip Summary
by "Ron Polityka" <wb3aal@fast.net>
- 16) [117521] Re: question - harbor freight punch?
by "Richard Brummer, K2JQ" <k2jq@bestweb.net>
- 17) [117522] Re: NAQP 2002 QRP
by Larry Cahoon <lejek@erols.com>
- 18) [117523] Re: question - harbor freight punch?
by "E. Roswell" <eroswell@monmouth.com>
- 19) [117524] Re: PSK on IBM Thinkpad Laptop?

by "Harvey Mitchell" <hmitchell13@houston.rr.com>
20) [117525] Power Management Contest
by Larry Cahoon <lejek@erols.com>
21) [117526] NAQP results ALL 100 mw)
by "George Osier" <gosier@twcnny.rr.com>
22) [117527] WM-2 Power LED
by Bruce Rattray <rattray@gpfn.sk.ca>
23) [117528] Re: question - harbor freight punch?
by n5ib@juno.com
24) [117529] Re: WM-2 Power LED
by "Ingo, DK3RED" <dk3red@t-online.de>
25) [117530] Woe is Me!
by <jfox6@houston.rr.com>
26) [117531] Re: Epiphyte 3 saga continues
by "W3CDE Jerry L." <w3cde@bellsouth.net>
27) [117532] FS: Power Punch Kit
by Steve <n4ey@arrl.net>
28) [117533] MFJ33' telescoping mast?
by "Steve/n0tu" <n0tu@codenet.net>
29) [117534] NAQP + AA batteries + K1
by "John Harper AE5X" <ae5x@qsl.net>
30) [117535] Upgrading to KFL1-4? buider tip...
by "Rod N0RC" <rod@n0rc.com>
31) [117536] Re: Copper Foil Antennas
by George Gingell <k3tks@u1.abs.net>
32) [117537] Mindspring/Earthlink users
by "Dave Benham" <dodgeboy@mindspring.com>
33) [117538] Harbor Freight Punch
by "Brian Murrey" <brian@iquest.net>
34) [117539] K1 spotted
by "Brian Murrey" <brian@iquest.net>
35) [117540] SWL PSK 20 and 30 sold WM 80 available.
by PDouglas12@aol.com
36) [117541] re:Copper Tape
by "Bill Dittrich" <rwddittrich@hotmail.com>
37) [117542] Re: FS: Power Punch Kit
by Steve <n4ey@arrl.net>
38) [117543] Sale/Swap
by "Francis Callahan" <colcal@srv.net>
39) [117544] Type 75 Ferrite Beads?
by N1EU <n1eu@yahoo.com>
40) [117545] Te-Ne-Key or Paddlette?
by "Steve Lawrence" <Steve.Lawrence@ITWFEG.COM>
41) [117546] Re: FS: Power Punch Kit - Lower 48 issues on shipping
by "Jim Larsen" <a17fs2001@hotmail.com>

Date: Sat, 12 Jan 2002 17:13:29 -0700
From: "John A. Evans - N0HJ" <jaevans@codenet.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [117506] Epiphyte 3 saga continues
Message-ID: <3C40D129.60579AAA@codenet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Greetings,

Well, I was graciously given the specs for the Murata CFM455J1 filter, so now I can go off in search of a newer sub. Also, I obtained an ECG784 IC (a sub for the RCA Ca3020 - anyone used an ECG sub here?), so I am closer to obtaining the more difficult to find parts - what else is tough to locate for this beast?? Anyone have any motivation for SSB QRP on 75M? I am finding it hard to push to obtain the parts if I think I won't use the rig much - hehe. Anyone else still trying to obtain parts for the blank board?

73/72 - john - n0hj

Date: 12 Jan 2002 20:58:54 EST
From: Michael Goins <mgoins@usa.net>
To: qrp-l@lehigh.edu
Subject: [117507] question - harbor freight punch?
Message-ID: <20020113015854.8900.qmail@cpdvgl100.netaddress.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: quoted-printable

Looking for a hand punch, and was wondering if the ITEM 44060-1VGA from Harbor Freight is the one a lot of you guys are using (the number is different from that recommended by N2CX). If not, where can I find one? Need it for making circuit board circles and for punching holes in altoids boxes. =

Any help would be appreciated. =

mike
wb5yjx

1 watt all the time

Get free e-mail and a permanent address at <http://www.amexmail.com/?A=3D1=>

Date: Sat, 12 Jan 2002 21:09:23 -0500
From: "Brice D. Hornback" <bdh@cyberbound.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [117508] Elmer 001 - The Pixie 2 Project
Message-ID: <021601c19bd7\$526e0360\$7001a8c0@lwrnc1.in.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello everyone! Yes, that's correct. ELMER 001 is about to begin over on the QRPp-I list. We'll be using the Pixie 2 kit from HSC for a beginners course and discussion on how a simple ham radio transceiver works. So... if you've never built a kit before, or are interested in learning... check it out and build a Pixie 2 along with us. Tips, tricks, and mods will be discussed along the way as well as more advanced topics. There is sure to be something for everyone.

Join the group and participate in the fun.
<http://www.QRPp-I.com>

73/72/71! de Brice KA8MAV

Date: Sat, 12 Jan 2002 21:23:05 EST
From: MertNellis@aol.com
To: qrp-1@lehigh.edu
Subject: [117509] FOX W0UFO 1-10-02 Prelim
Message-ID: <111.b8b51e0.29724989@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Here is my prelim log. Thanks for a good, well behaved bunch of hounds. Three were wolves (QR0). Are wolves allowed? Let me know. Sent me any corrections needed as soon as possible. It was, indeed, great fun! 72 to all.

FOX Log for W0UFO
Hunt 23 1-11-02 UTC

TIME	CALL	RST	ST	NAME	PWR
0200	K3IU	559	RI	KEN	5W
0202	K0EVZ	589	ND	DOC	5W
0203	WA9TZE	559	WI	JIM	5W
0204	NK9G	559	WI	RICK	5W
0205	K4XR	559	AL	CRAIG	5W
0206	WA8WV	559	WV	DAVE	500MW
0207	K4MF	559	FL	GARY	5W
0208	KV4EE	559	SC	CRAIG	5W
0209	KB9YIG	559	IN	TONY	5W
0210	W9HL	559	IL	RANDY	5W
0211	W8RU	599	MI	RON	5W
0212	W9XU	559	WI	LON	5W
0213	VE6KG	559	AB	NORM	5W
0214	WE9K	559	WI	GLENN	5W
0215	N0AR	559	MN	SCOTT	5W
0216	K3PH	559	PA	BOB	5W
0217	K0PC	599	MN	PAT	5W
0218	W4BQP	579	NC	JIM	5W
0219	N0HRL	559	MN	KEN	5W
0220	VE5RC	559	SK	BRUCE	5W
0221	N1FN	559	CO	ET	5W
0222	KK5LD	559	TX	DAN	5W
0223	W5YR	559	TX	GEORGE	5W
0225	VA6RF	559	AB	EARL	5W
0226	N9NE	559	WI	TODD	100MW
0226	KC1FB	559	CT	JIM	5W
0227	K5DI	559	NM	KARL	5W
0228	W8VJW	559	MI	JOHN	5W
0229	AC5JH	559	OK	TOM	5W
0230	K4FB	559	FL	PAUL	5W
0231	KS4V	559	KY	BRUCE	5W
0232	WA9CWX	579	WI	FRANK	150W
0233	K9IS	559	WI	STEVE	5W
0235	K5WHP	559	TX	BILL	5W
0235	N9WW	559	IL	JIM	5W
0237	W9NXC	569	GA	GENE	100W
0238	W8SFF	559	MI	STEVE	5W
0239	K5DW	559	TX	DON	5W
0240	N2WW	559	CO	LARRY	5W
0241	AA50	559	LA	VERN	5W

0241	WD4MSM	599	IN	BARRY	5W
0242	K8LH	579	MI	MIKE	5W
0243	W0RSP	579	SD	ADE	3W
0244	N9AW	559	WE	JERRY	5W
0246	AF4PS	559	FL	MAC	5W
0249	N1TP	559	FL	TOM	5W
0250	AG0T	559	ND	TODD	4W
0251	W0CH	559	MO	DAVE	5W
0252	WV9N	559	OH	RANDY	5W
0252	WD6BWZ	559	GA	MATT	5W
0253	W7ILW	559	AZ	WALT	5W
0254	VE4WI	559	MB	CRAIG	5W
0256	W0PWE	599	IA	JERRY	5W
0257	K20QA	599	NJ	ED	100W
0258	K9IUA	559	IA	KEVIN	5W
0259	K4GT	559	GA	JIM	5W
0300	K8CV	559	MI	WALT	5W
0300	KR5C	559	TX	GEORGE	5W
0301	K9DC	559	IN	DAVE	5W
0302	N0TU	559	CO	STEVE	5W
0303	K4TJD	599	GA	TOM	5W
0304	K4ADI	559	SC	FRANK	5W
0305	KD5KXF	559	TX	MIKE	5W
0306	VE6EX	559	AB	DAN	5W
0307	AB0CD	559	CO	DICK	5W
0308	KC0GXX	559	NE	TOM	3W
0309	KV2X	559	NY	TOM	5W
0310	W5TB	559	TX	DOC	5W
0311	W5USJ	559	TX	CHUCK	5W
0312	AF4LQ	559	KY	MIKE	5W
0313	K5ZTY	559	TX	BILL	5W
0314	NV4V	559	KY	PETE	5W
0315	N0RC	559	CO	ROD	5W
0316	W2XN	559	FL	FRED	5W
0317	KI0II	559	CO	RON	1W
0318	KQ5U	559	TX	TERRY	5W
0319	KB7WW	559	OR	ART	5W
0320	K6VNX	559	CA	ARLEN	5W
0321	K50I	559	OK	TIM	5W
0323	AA7XA	559	OR	FRANK	5W
0324	K4BYF	559	FL	JACK	5W
0325	K8MIA	559	WV	JIM	5W
0326	N9IJ	559	IL	LEN	5W
0328	N3ZPQ	559	OH	FRANK	4W

0329	WA8BXN	559	OH	MIKE	5W
0330	NX8C	559	MI	NIEL	5W
0331	W7CQR	559	OR	DAN	5W
0332	K4JPN	579	GA	STEVE	3W
0334	WB8LTU	559	OH	DENNES	2W
0335	KG4LDY	559	VA	JIM	5W

0336	N0UR	559	MN	JIM	5W
0336	K5EOA	559	LA	WAYNE	5W
0337	N4MAP	559	GA	SAM	5W
0338	K8KFJ	559	WV	GARY	5W
0339	N5GJQ	579	LA	MIKE	5W
0340	WR50	559	TX	DAVE	5W
0341	AD2A	579	NJ	DAVID	5W
0342	NQ7X	559	AZ	FLOYD	5W
0343	N0TK	559	CO	DAN	1W
0345	WE6W	559	CA	ED	4W

0346	KG4CHX	559	NC	TIM	5W
0348	K7EL	559	OR	DAVE	5W
0349	KG6CYN	559	CA	TREV	5W
0350	NU8S	559	OH	DENNIS	5W
0351	VE3FAL	559	ON	FRED	5W
0353	K7TQ	559	ID	RANDY	5W
0354	N5YFC	559	LA	WAYNE	5W
0355	KE6RS	559	CA	RON	5W
0356	KB9LGJ	559	CA	TIM	5W

0400	W6WG	FOX
0400	W0UFO	FOX

Date: Sun, 13 Jan 2002 03:39:41 -0000
From: "TC Dufresne" <tdufresne@neb.rr.com>
To: <qrp-1@lehigh.edu>
Subject: [117510] NAQP 2002 QRP
Message-ID: <007601c19be3\$ef783ac0\$a4b91c41@neb.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Wow! Those guys are fast! I just finished and sent my logs in.

Used my trusty 2N2/40 rig at 2 watts, made 24 QSO's in two hours, QSO'd wid
15 states or providences. Conditions were very good.

Total score a whopping 240 points.

Loads of fun, I am still AMAZED how those guys can hear my little 2 watts. SO many times, I had my filter closed all the way down, zero beated them, and fired, and they answered-all almost immediately. They were all very patient, me at my straight key 15 wpm speed and copy too. ;)

This little rig has some mojo! (have I said that before?)

Had fun,

Tom

KC0GXX

Date: Sat, 12 Jan 2002 22:14:04 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@neale.gpfn.sk.ca>,
Low Power Group <qrp-l@LeHigh.EDU>
Subject: [117511] WM-2 question
Message-ID: <Pine.LNX.4.33.0201122210560.18049-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I have tried to look for this info but nothing so far so I need help please...can anyone point me in the right direction so I can obtain the information on how to install a Power ON led in the WM-2...I'm tired of replacing batteries so often when I forget to turn it off...maybe it's just a case of adding a hole in the front panel, put an led + resistor in there connected to the +12 vdc line?...thank you...

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - QRP Borg#1 - Whiner#10 -
- VE5QRP SOC#11 - VE5RC SOC#12 - oo#148 - K2#2032 - COG#15 -
- Zone Alarm + AVG Virus Protection -
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

Date: Sat, 12 Jan 2002 22:34:47 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@neale.gpfn.sk.ca>,
Low Power Group <qrp-l@LeHigh.EDU>
Subject: [117512] WM-2

Message-ID: <Pine.LNX.4.33.0201122233380.19220-1000000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I have tried to look for this info but nothing so far so I need help please...can anyone point me in the right direction so I can obtain the information on how to install a Power ON led in the WM-2...I'm tired of replacing batteries so often when I forget to turn it off...maybe it's just a case of adding a hole in the front panel, put an led + resistor in there connected to the +12 vdc line?...thank you...

.72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - QRP Borg#1 - Whiner#10 -
- VE5QRP SOC#11 - VE5RC SOC#12 - oo#148 - K2#2032 - COG#15 -
- Zone Alarm + AVG Virus Protection -
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

Date: Sun, 13 Jan 2002 21:48:22 -0700
From: Carlos J Caro <ccaro3@juno.com>
To: fpqrp-l@mpna.com, qrp-l@lehigh.edu
Message-ID: <20020113.214831.-75425.1.ccaro3@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Ed Kessler,

Lost your e-mail address. Could you please respond direct to me.

Thanks,

Carlos

Date: Sat, 12 Jan 2002 22:53:00 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@neale.gpfn.sk.ca>,
Low Power Group <qrp-l@LeHigh.EDU>
Subject: [117514] WM-2 question
Message-ID: <Pine.LNX.4.33.0201122252030.19220-1000000@neale.gpfn.sk.ca>

MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

thanks everyone....once again this list comes to the rescue...

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - QRP Borg#1 - Whiner#10 -
- VE5QRP SOC#11 - VE5RC SOC#12 - oo#148 - K2#2032 - COG#15 -
- Zone Alarm + AVG Virus Protection -
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

Date: Sun, 13 Jan 2002 06:06:45 -0500
From: Steve <k8pz@earthlink.net>
To: rattray@gpfn.sk.ca
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [117515] Re: WM-2 question
Message-ID: <3C416A45.2030407@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Bruce,
Could you share with the list what you found. I had the same problem
yesterday - again - dead battery in my WM-2.
Thanks
Steve ..

Bruce Rattray wrote:

> thanks everyone....once again this list comes to the rescue...
>
> ..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
> A-1 Operator Club - 10/10# 944 - QRP Borg#1 - Whiner#10 -
> - VE5QRP SOC#11 - VE5RC SOC#12 - oo#148 - K2#2032 - COG#15 -
> - Zone Alarm + AVG Virus Protection -
> "QRP! How sweet it is!" "I am da man wit "DAH" paddle!"
>
>
>
>

Date: Sun, 13 Jan 2002 07:11:18 -0500
From: John R Kirby <n3aaz-qrp@juno.com>
To: qrp-1@Lehigh.EDU
Subject: [117516] Re: HW 8 & PSK31
Message-ID: <20020113.071125.-186991.0.n3aaz-qrp@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

The CW only radio can not transmit PSK31.
PSK31 is a sideband mode.
For Bpsk31 'which' sideband is not an issue.
For Qpsk31 both stations must be on the same sideband.

Most CW only radios can receive PSK31 regardless of the radio BW . . .
All PSK31 'processing' is a function of the software,
just tune the received PSK31 signals into
the brightest portion of the waterfall display.

I own a 'stock' HW-8 and know the VFO stability is insufficient for 100%
PSK31 print.
However the operative word here IS *100%* print.
Most PSK31 software has 'enough' AFC to track the
HW-8 (after VFO warm up) for SWL.

Most varactor tuned CW only radios like the Sierra do an OUTSTANDING job
for RTTY transmission and reception. The stock HW-8 VFO is not varactor
tuned but the HW-8 will receive RTTY no problem.

John
N3AAZ
FM 19 xa

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<http://dl.www.juno.com/get/web/>.

Date: Sun, 13 Jan 2002 07:42:03 -0500
From: Jim Campbell <jim-c@nc.rr.com>
To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [117517] Re: NAQP 2002 QRP
Message-ID: <3C41809B.BA3A65C5@nc.rr.com>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I was on last night and worked a few stations on the NAQP. I did it for the experience. Since I only worked a few stations, I don't plan to send in my logs. Does this detract from the scores of the stations I worked?

72/73

Jim
W4BQP

Date: Sun, 13 Jan 2002 07:52:53 -0600
From: George Franklin <w0av@juno.com>
To: k8pz@earthlink.net
Cc: qrp-1@Lehigh.EDU
Subject: [117518] Re: WM-2 question
Message-ID: <20020113.075254.-1779539.2.w0av@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Steve & All,

A friend found a solution to the dead-battery problem with his WM-2.

He used an R/S "blinky" LED in series with a resistor from the +12V to ground, paralleling the LED with a capacitor.

I don't recall the values, but they were chosen to give a satisfactory "blink rate" and were not critical.

The resulting battery life was nearly the same as before the blinky was installed.

72 de George/W0AV
COG#1

Date: Sun, 13 Jan 2002 09:23:27 -0500
From: "Jim Kortge, K8IQY" <jokortge@prodigy.net>
To: mgoins@usa.net
Cc: qrp-1@lehigh.edu

Subject: [117519] Re: question - harbor freight punch?
Message-ID: <5.1.0.14.1.20020113092132.00a40c10@pop.prodigy.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 08:58 PM 1/12/02 -0500, you wrote:

>Looking for a hand punch, and was wondering if the ITEM 44060-1VGA from Harbor
>Freight is the one a lot of you guys are using (the number is different from
>that recommended by N2CX). If not, where can I find one? Need it for making
>circuit board circles and for punching holes in altoids boxes.
>
>Any help would be appreciated.
>
>mike
>wb5yjx
>1 watt all the time

Mike,

That's the correct punch, only with metric sizes. Won't make any difference for Manhattan-style construction, but might be a bit off for punching holes for controls, but probably not. I think this version is better built than the one that I have with the English sized dies.

72,

Jim, K8IQY

Date: Sun, 13 Jan 2002 09:24:59 -0500
From: "Ron Polityka" <wb3aal@fast.net>
To: ".Mtn-Top" <HamRadio_Mountaintopping@yahoogroups.com>,
".HF Pack" <hfpack@yahoogroups.com>, ". QRP-L" <qrp-l@Lehigh.EDU>,
Subject: [117520] AT in PA on Jan 12 Trip Summary
Message-ID: <000f01c19c3e\$15b874c0\$7ee65cd1@wb3aal>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello,

Well I got to my location a little later than I plan. But I was on the air

by 17:00 UTC calling CQ on 10.106 MHz.

There was snow on the ground and the sun was shining. The temp. was around 40' F. with a good 5 to 10 MPH wind whipping through the trees. I had to watch for falling branches when it is windy in the winter.

I made contacts with the following stations.

W1PID Jim in NH
KT4U JV in VA
KB3EOF Sandy in MD
K2JQ Dick in NY

I did call CQ on 18.096 MHz but I did not have any luck. So when I was on 30 meters calling CQ for more than 15 minutes with out any replies, I decided to pack up and go home. I was out for about 1 1/4 hours out on the Appalachian Trail in PA.

Station was a Elecraft K2 @ 5 watts. Antenna was a 66' doublet up about 10 feet in the air with RG8X feedline.

I enjoyed the day out, even if it was cool. There were a few stations that I just could not pull out due to the signal being below the noise level. Sorry, maybe I can make the QSO with those stations in February.

This was my last trip for my K2. I should have my K1 complete for my February trip.

Thanks for the QSO!!

72 & 73
Good DXing

Ron Polityka
de WB3AAL
wb3aal@fast.net

vvv Eastern Pennsylvania QRP Web Page vvv
 <http://www.n3epa.org>
Eastern Pennsylvania QRP Club Call
N3EPA E-mail address: n3epa@fast.net

EPA QRP #1	ARRL Life Member
KL7 QRP # 309	G-QRP # 3031
ARCI QRP # 5318	10 - X #13173
NorCal	ARS # 380
HI QRP #153	VA QRP Society #45
MI QRP #1703	K2 sn1392

NJ QRP #179
K1 sn1011

ARLHS #423

Date: Sun, 13 Jan 2002 09:50:34 -0500
From: "Richard Brummer, K2JQ" <k2jq@bestweb.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [117521] Re: question - harbor freight punch?
Message-ID: <00b101c19c41\$a88e7440\$0103b3d8@obvious>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The standard version is Item # 37405, but is indicated as either discontinued, or not currently available at Harbor Freight.

73,
Dick K2JQ

-----Original Message-----

From: Jim Kortge, K8IQY <jokortge@prodigy.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Sunday, January 13, 2002 9:27 AM
Subject: Re: question - harbor freight punch?

>At 08:58 PM 1/12/02 -0500, you wrote:

>
>>Looking for a hand punch, and was wondering if the ITEM 44060-1VGA from Harbor
>>Freight is the one a lot of you guys are using (the number is different from
>>that recommended by N2CX). If not, where can I find one? Need it for making
>>circuit board circles and for punching holes in altoids boxes.
>>
>>Any help would be appreciated.
>>
>>mike
>>wb5yjx
>>1 watt all the time
>
>Mike,
>
>That's the correct punch, only with metric sizes. Won't make any
>difference for Manhattan-style construction, but might be a bit

>off for punching holes for controls, but probably not. I think
>this version is better built than the one that I have with the
>English sized dies.
>
>72,
>
>Jim, K8IQY

Date: Sun, 13 Jan 2002 15:09:29 +0000
From: Larry Cahoon <lejek@erols.com>
To: jim-c@nc.rr.com,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [117522] Re: NAQP 2002 QRP
Message-ID: <5.1.0.14.0.20020113150656.022bd740@pop.erols.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

No, it does not detract from their scores, but by sending them in and noting that you ran QRP you make a enhance the visibility of the QRP crowd.

I got a certificate once from the ARRL for seven QRP phone QSOs in Sweepstakes. So sometimes you get something in return.

73 de Larry.....WD3P in MD
<http://www.qsl.net/wd3p/>

At 07:42 AM 1/13/2002 -0500, Jim Campbell wrote:

>I was on last night and worked a few stations on the NAQP. I did it for
>the experience. Since I only worked a few stations, I don't plan to
>send in my logs. Does this detract from the scores of the stations I
>worked?
>
>72/73
>
>Jim
>W4BQP

Date: Sun, 13 Jan 2002 10:44:42 -0500
From: "E. Roswell" <eroswell@monmouth.com>
To: qrp-l@Lehigh.EDU

Subject: [117523] Re: question - harbor freight punch?
Message-ID: <3C41AB6A.BF81B321@monmouth.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Sometimes they go thru cycles,...it may depend on what they get in a boatload from China. Who knows when it may change back to the English size version. Roper-Whitney makes the original English size version, for which the Harbor Freight item is a knock off (albeit a satisfactory one). The Roper-Whitney unit is available at MSC Direct:

<http://www.mscdirect.com/>

as the No. 5 Jr. Portable Hand Punch, p.2512 in their Big Book, at \$61.66 a pop. It is possible that the dies might be of better quality, but maybe not,...my HF unit look the same to me as a R-W one I've used. Individual punches/dies in 15 sizes can be ordered to augment or replace worn ones (in the \$7.63 to \$8.67 range per punch/die set)...I wonder whether they will fit the Harbor Freight Hand Punch unit?

73, Ed,
K2MGM

Date: Sun, 13 Jan 2002 10:34:40 -0600
From: "Harvey Mitchell" <hmitchell13@houston.rr.com>
To: <qrp-1@Lehigh.EDU>
Subject: [117524] Re: PSK on IBM Thinkpad Laptop?
Message-ID: <001e01c19c50\$456d6b00\$6401a8c0@houston.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Thanks to all who responded, there were several very good suggestions and only one totally moronic response. I finally got the laptop working well on PSK using WinPSK (thanks Tony!).

Once again the folks on this list have come to my rescue, what a great resource for those of us who aren't real bright!

72 & thanks again,

Harv, K5YU

Date: Sun, 13 Jan 2002 16:42:51 +0000
From: Larry Cahoon <lejek@erols.com>
To: qrp-l@lehigh.edu, elecrafter@mailman.qth.net
Subject: [117525] Power Management Contest
Message-ID: <5.1.0.14.0.20020113162829.022bf360@pop.erols.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Since I sponsor this I joined in the fun.

Equipment was ten 1600 mAh AA batteries - they came off the charger a half an hour prior to the contest. I used the K2 for 10 and 15 meters. I kept the use there to a minimum as the K2 does draw a bit more power. Mainly I looked for easy multipliers there early in the contest. Then I switched over to the K1 for the workhorse on 20 and 40 meters. Finally I brought out the Sierra for use on 80 meters.

Operating strategy was partly to hit new multipliers to get the points up. I also scanned the bands, hit who I could get and then took a short break to let new blood show up on the band. I didn't run a frequency figuring that with the CQing I'd run the power down quicker that way and end up with fewer total QSOs.

I kept the power at 2 watts out, again to conserve the batteries. The logic was with higher power I'd use up the batteries quicker and with lower power I'd have more trouble being heard. It is not clear what is the best choice here.

In the end the batteries still had power left in them. The K1 showed 11.9 volts on Rx and 11.2 on Tx. I should have been able to take them down to around 10 volts on Tx. I did quit about two hours early as I felt a cold coming on and wanted to get the rest. The contest ends at 1 am here on the east coast. In the end NA said I ran almost 8 hours. So I still had two more hours I could have run in the contest. I think the batteries would have easily have held up for that long.

Final take was 213 QSOs and 102 multipliers for a score of 22,032 points.

The summer numbers were

band	QSOs	points	mults
160	0	0	0
80	49	49	23
40	80	80	29
20	66	66	32
15	13	13	10
10	8	8	8

TOTAL 216 216 102 SCORE: 22,032

73 de Larry.....WD3P in MD
<http://www.qsl.net/wd3p/>

Date: Sun, 13 Jan 2002 11:58:27 -0500
From: "George Osier" <gosier@twcnny.rr.com>
To: <qrp-l@lehigh.edu>
Subject: [117526] NAQP results ALL 100 mw ...:)
Message-ID: <001601c19c53\$859d9440\$0e714342@twcnny.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

NAQP CW 2002 call : N2JNZ / QRPp

1/12/02

CALL, BAND , TIME , NAME , QTH , MULT.

VX6LB , 28 MHZ , 2140 UTC , GERRY , AB , X

K4WI , 28 MHZ , 2145 UTC , CORT , AL , X

1/13/02

W5TM , 14 MHZ , 0007 UTC , ED , OK , X

K8MK , 14 MHZ , 0011 UTC , JEFF , OH , X

W9IU , 14 MHZ , 0017 UTC , DAVE , IN , X

N5TJ , 14 MHZ , 0020 UTC , JEFF , TX , X

KE9I , 14 MHZ , 0025 UTC , JERRY , IN

KA0GGI , 14 MHZ , 0030 UTC , TOAD , MO , X

W5ON , 14 MHZ , 0044 UTC , LES , AR , X

W6EEN , 14 MHZ , 0048 UTC , DOUG , CA , X

W4AN , 14 MHZ , 0101 UTC , BILL , GA , X

K6LL , 14 MHZ , 0109 UTC , DAVE , AZ , X

KG0US , 14 MHZ , 0114 UTC , DAVE , MO

N5AW , 14 MHZ , 0116 UTC , MARV , TX

K5KA , 14 MHZ , 0123 UTC , KEN , OK

W4ATL , 14 MHZ , 0126 UTC , ROGER , GA

W5NN , 14 MHZ , 0133 UTC , BOB , TX

K0RF , 14 MHZ , 0135 UTC , GEO , CO , X

VX4VV , 14 MHZ , 0141 UTC , DERRICK, MB,X

K6ZM , 14 MHZ , 0143 UTC , MIKE , CA

AE6Y , 14 MHZ , 0315 UTC , ANDY , CA

N9KI , 7 MHZ , 0321 UTC , AL , WI , X

K8MP , 7 MHZ , 0337 UTC , JOE , OH , X

K4RO , 7 MHZ , 0334 UTC , KIRK , TN

N4ZZ , 7 MHZ , 0335 UTC , DON , TN

TOTALS IN A BIT.....:)

Date: Sun, 13 Jan 2002 11:05:20 -0600 (CST)

From: Bruce Rattray <rattray@gpfn.sk.ca>

To: QRP-Canada <qrp-canada@neale.gpfn.sk.ca> ,

Low Power Group <qrp-1@LeHigh.EDU>

Subject: [117527] WM-2 Power LED

Message-ID: <Pine.LNX.4.33.0201131038480.24299-100000@neale.gpfn.sk.ca>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

Several have suggested that they too need this information, so here is what has come in....

...here's a URL for modifying the WM-1 & the WM-2 to read Peak Power... near the bottom of page 2 of the 4 page article, is the info for adding a Power ON led...this is from Alan, KB7MBI....thanks Alan...

http://www.qrparci.org/east/MODS_WM1.html

...Earl, VA6RF, (Electronic Builder Craftsman Extraordinaire) uses an LED with a 1500 ohm resistor for this purpose on all his qrp rigs...thanks Earl...

...Mike, WA8BXN, suggests a blinking LED for better attention-getting rather than a steady-on led plus Mike says a little experimenting to get the largest value resistor that the circuit can use to operate so as to save current.....thank you Mike...

....I seem to remember looking this up in a handbook once, so there's another info source for this circuit....all I have to do is find my handbook now...hihi....

...George, W5YR, also suggests using a blinking LED in the circuit to cut down on the current drain...thanks George...

...I received about four more e-mails with similar information and I thank you all; Chuck Carpenter, George, W0AV, and a few others.....hope I can return the favour some time...

....I did try a circuit which dropped a big mallet on my head ater 5 minutes of no-activity in the WM-2 and although it did work I was getting a headache and one time it knocked me out and the battery ran down while I was out, so I'm going for the blinking led... ;-)

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - QRP Borg#1 - Whiner#10 -
- VE5QRP SOC#11 - VE5RC SOC#12 - oo#148 - K2#2032 - COG#15 -
- Zone Alarm + AVG Virus Protection -
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

Date: Sun, 13 Jan 2002 12:16:14 EST
From: n5ib@juno.com
To: qrp-1@Lehigh.edu

Subject: [117528] Re: question - harbor freight punch?
Message-ID: <20020113.121614.577.0@m12.boston.juno.com>

Message-ID: <20020113.110944.4639.3.n5ib@juno.com>
X-Mailer: Juno 1.49
X-Juno-Line-Breaks: 0-1,3-8,10-11,13,15-18,26-27,30-35

X-Status: Unsent

On Sun, 13 Jan 2002 10:44:42 -0500 "E. Roswell" <eroswell@monmouth.com> writes:
>Roper-Whitney makes the original English size version, for which the
>Harbor Freight item is a knock off (albeit a satisfactory one). The
>Roper-Whitney unit is available at MSC Direct:
><http://www.mscdirect.com/>
>as the No. 5 Jr. Portable Hand Punch, p.2512 in their Big Book, at
>\$61.66 a pop. It is possible that the dies might be of better quality,
but
>maybe not,...my HF unit look the same to me as a R-W one I've used.
>Individual punches/dies in 15 sizes can be ordered to augment or replace
worn
>ones (in the \$7.63 to \$8.67 range per punch/die set)...I wonder whether
they
>will fit the Harbor Freight Hand Punch unit?

I have both RW and the HF punches and did some testing and measuring.
The HF dies have the same thread and will fit the RW tool, however, the
RW punches have a body OD of 0.280" and the HF punches are 0.284" The RW
punches will fit the bored hole of the HF tool but are a bit of a slop
fit. But the kicker is that the RW punch is too large to slide into the
slot of the movable portion of the handle on the HF tool. This, however,
should be an easy fix with a small file, as this is not a critical
dimension. File the HF handle, not the hardened RW punch :^))

So for a measly 4 thousandths you can't interchange them directly, but
with a bit if Armstrong machining you can use the replacement RW
punch/die sets in the HF tool if you can accept 0.004" of slop.

72

Jim N5IB

who, in the machine shop, is of the
"hack to size, beat to fit, paint to match" school of craftsmanship

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<http://dl.www.juno.com/get/web/>.

Date: Sun, 13 Jan 2002 19:00:31 +0100
From: "Ingo, DK3RED" <dk3red@t-online.de>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [117529] Re: WM-2 Power LED
Message-ID: <3C41CB3F.72933CE3@t-online.de>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello Bruce,

Use the power switch (with a MOSFET) from the Rainbow Power Meter (QRP Quarterly April 99, pp. 33-35)!
Also in QRPp December 1996 and QRP Quarterly January 1997.

RF on -> power on
RF off -> power off

And you can save the big mallet for other things. ;o)

--
72/73 de Ingo, DK3RED (Don't forget: the fun is the power !)
dk3red@t-online.de www.qsl.net/dk3red www.t-online.de/~dk3red
DL-QRP-AG #824 (German QRP Activity Group) www.dl-qrp-ag.de

Date: Sun, 13 Jan 2002 12:26:37 -0600
From: <jfox6@houston.rr.com>
To: "QRP" <qrp-l@lehigh.edu>
Subject: [117530] Woe is Me!
Message-ID: <000901c19c5f\$d8dd6a20\$9902a8c0@houston.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi gangue,

Ever luck upon a good article or design? You are sure you saved it,
but then again.....???

I stumbled upon an interesting design for a neat filter test unit.
For a ramp generator, it used a unijunction Transistor. The entire project
was built up of small individual boards. It was little more than a sweep
oscillator and a wideband log amp/ detector.

I thought it would be worth fiddling with in my "Spare Time". When you're retired, do you really have any "Spare Time?"

If this rings a bell with anyone... please let me know.

73

Foxy

jfox6@houston.rr.com

<http://www.qsl.net/w5hir>

Date: Sun, 13 Jan 2002 13:45:34 -0500
From: "W3CDE Jerry L." <w3cde@bellsouth.net>
To: jaevans@codenet.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [117531] Re: Epiphyte 3 saga continues
Message-ID: <3C41D5CE.5A104D48@bellsouth.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

John,

It is looking like it is approaching the time to consider a Push-Push amplifier for low power DSB rather than SSB 8-)... A two TUBE amp in Push-Push is easy and a low power amp could be comprised of a pair of 6aq5's or even 6ak6 tubes. They would not require much drive or HV to use them. Using Push-Pull grids and Paralell plates (PI output) and Push-Pull screen modulation makes a very easy transmitter to build. I used this scenario for years and works great! The "BIG" transmitter ran 500 watts to a pair of 814 tubes, the little one was a pair of 6AQ5's.

Jerry

W3CDE

Atlanta, GA

"John A. Evans - N0HJ" wrote:

>

> Greetings,

>

> Well, I was graciously given the specs for the Murata CFM455J1 filter, so now I can go off in search of a newer sub. Also, I obtained an ECG784 IC (a sub for

the RCA Ca3020 - anyone used an ECG sub here?), so I am closer to obtaining the more difficult to find parts - what else is tough
> to locate for this beast?? Anyone have any motivation for SSB QRP on 75M? I am finding it hard to push to obtain the parts if I think I won't use the rig much - hehe. Anyone else still trying to obtain parts for the blank board?
>
> 73/72 - john - n0hj

Date: Sun, 13 Jan 2002 13:47:23 -0500
From: Steve <n4ey@arrl.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [117532] FS: Power Punch Kit
Message-ID: <3C41D63A.2B0E0E4E@arrl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I have for sale a hand punch that I purchased from Micro Mark to make pads but never used. UNUSED condition, in original box with instruction sheet.

See the following listing.

<http://www.dxmarket.com/micromark/products/81530.html>

I paid their price of \$29.95 + \$5.75 S/H.
I will sale for \$29 postage paid in lower 48 states.

email if interested.

Steve, N4EY

Date: Sun, 13 Jan 2002 12:02:29 -0700
From: "Steve/n0tu" <n0tu@codenet.net>
To: "QRP-L" <QRP-L@lehigh.edu>
Subject: [117533] MFJ33' telescoping mast?
Message-ID: <003301c19c64\$daa391e0\$6a211d82@cos.agilent.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Anyone recently purchase the MFJ 33' telescoping fiberglass mast? How does

it compare with the DK9SQ 33' mast? Just wondering if there's \$20 difference in quality? Steve/n0tu

Date: Sun, 13 Jan 2002 14:25:12 -0500
From: "John Harper AE5X" <ae5x@qs1.net>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [117534] NAQP + AA batteries + K1
Message-ID: <000b01c19c68\$06afc940\$c1488cac@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I operated the contest yesterday for a total of 5 hours, not so much to accumulate a score but to see how the K1 gets along with AA batteries. I had wanted to use rechargeable NiMH batteries but I did not have time to get them charged before the contest started so I used a fresh pack of 8 (not 10) alkaline batteries since that is what fits in the internal battery pack. I set the RF output on the rig to 2 watts and operated on 15, 20 and 40 meters with 15m being the most beneficial for making rapid contacts. Starting voltage (key up) for the 8-pack was 12.6 volts. After 5 hours and 87 contacts, voltage was 11.3. I wish I had been better prepared for this but just got my 4-band module completed the day before the contest and was still in the "play with the new toy" mode. Best DX during the contest was during a break from it on the low end of 40m - LZ1ANA and S57VK.

In the near future, I plan to test the K1 with 8 rechargeable NiMH batteries.

John Harper AE5X
Outdoor QRP: <http://www.qs1.net/ae5x>

Date: Sun, 13 Jan 2002 13:39:22 -0700
From: "Rod N0RC" <rod@n0rc.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [117535] Upgrading to KFL1-4? buider tip...
Message-ID: <000e01c19c72\$6262ee20\$6401a8c0@greyrock>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Folks,

RECOMMENDATIONS

If you're adding the KFL1-4 band module to an existing K1; ensure that R11 on the K1's RF board is the original 82 ohm part, before aligning the KFL1-4

BACKGROUND:

To optimize performance of KFL1-2 R11 may be lowered to as little as 33 ohms**. I lowered RF-R11 to 51 ohms on my K1 to maximize the KFL1-2 performance on 40 & 20m.

Lowering RF-11 increases the gain of the Buffer Amp (U9) for the Transmitter Mixer stage (U8). With the KFK1-4 installed the this extra gain can overdrive the XMTR driver stage (Q6). The buffer amp is routed though the Bandpass Filter on KFL1-4, then to the TX Driver. The BPF on the KFL1-4 is a different design than the KFL1-2, and in my case at least, allowed more signal to pass into the TX driver, over-driving it.

** Detailed in an email to the Elecraft Reflector by Gary Surrency, dated Monday, July 16, 2001.

CONCLUSION/OBSERVATIONS

When it came time to align my KFL1-4, adjustment was difficult. Most notable were erratic power readings and sharp tuning peaks especially on 30 meters. After a little midnight-oil head-scratching, I realized my RF-R11 change of long ago. So I changed RF-R11 back to the original 82 ohms. Problem solved, the KFL1-4 tuned right up, smooth and easy. I've since lowered RF-R11 to 68 ohms to maximize Pout on all four bands (40, 30, 20 & 15m), the change increased Pout on 20 & 15 by a few tenths of a watt. I ended up with 5+ watts on each band from 12.8 Vdc supply and 6+ watts on all bands with a 13.8 Vdc supply.

The addition of the KFL1-4 to my K1 has made a nice little field rig even better. Can't wait to try 15m in the next TTF or ARS event.

On to the KBT1.... ;-)

73, Rod N0RC
Ft Collins, CO

Date: Sun, 13 Jan 2002 15:50:31 -0500 (EST)
From: George Gingell <k3tks@u1.abs.net>
To: Tracy Markham <tracy@bytemark.com>
Cc: QRP List <qrp-l@Lehigh.EDU>
Subject: [117536] Re: Copper Foil Antennas
Message-ID: <20020113152714.B80117-100000@u1.abs.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Tracy,

While I do not have any specific information for your project, I do recall an article in "73 Amateur Radio Today" on the Subject.

It may have actually used Aluminum Foil, Such as the Heavy Duty Type Sold by Air Conditioning Vendors. Like Duct Tape only reall Aluminium. Very good Sticky Material and useful on Die Cast Box repairs. I fixed a bunch of die cast boxes with meter holes by cuttinf out filler discs of PCB and than covering both sides with the foil tape. Just like new :^}

The Article in "73" used Heavy Duty Plastic Sheeting to make a "Wall Curtain with the Antenna Elements Taped to it. The intent was for use in portable situations, Such as Hotel QRPing.

I think the likely advantage of increased width would be Bandwidth.

Actually I am more interested in the Details of the Foil, Width and Length, Thickness, and adhesive. Oh Yes, and of course Cost?

I have found several widths up to 1" for use with Stained Glass work, but I have not found the Adhesive to be up to task for some of my uses.

The only wider versions that i have found were prohibitivly expensive.

I always thought that a 2" Copper/Brass Foil would go nicely in the house as a Decorative Edging. :^}

I once speculated on applying a "Copper Border" around the House exterior.

I happen to have a 40 Meter Loop House. :^}

This is one of those design items that is going to have to be done empirically (sp?) A bit of guessing and cut and try in the end.

Please share your results with us.

I have also thought of trying the tape spirally wound on pvc pipe for a HF Helical Vertical or even a Loop.

The thought was to make elements on 1/2" pvc pipe with the tape, then interconnect with short lengths of stranded Teflon wire, and run a length of Dacron rope thru the pipe for support. A Helical Wound 80 meter Horizontal Loop. Would it work? I am sure that it would. But would it have any more magic than one made of plain wire? Only one way to find out.

Good luck, and please share any results.

Sir George, The First :^}

72 ES

QRP DX TU (C) 1986, G. "Danny" Gingell, K3TKS@ abs.net
Former QRP A.R.C.I. Net Manager and Board of Director Member.
Gingell & Company, Ltd. Small Business Telephone Systems
Commercial Locksmith Services (301) 572-6789 Office & Fax
George D. Gingell, Jr. 3052 Fairland Road, Silver Spring, MD 20904-7117
Maryland Milliwatt Club QRP Reference Library, (301) 572-6789 IQRR #1
Maryland Milliwatt Club Founder and Trustee of Club Station - WQ3RP -
Grid Square FM19mb 76.94 W - 39.06 N Silver Spring, MD 20904 QRPea.A.

Collector of Quartz Crystals and Telegraph Keys.

"72" = "Wishing You Good QRP" (C) 1991 Oleg Borodin, RV3GM

Date: Sun, 13 Jan 2002 15:56:00 -0500
From: "Dave Benham" <dodgeboy@mindspring.com>
To: <qrp-1@lehigh.edu>

Subject: [117537] Mindspring/Earthlink users
Message-ID: <01db01c19c74\$b5da3340\$77d479a5@hqa.chrysler.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Are there any Mindspring or Earthlink users out there who have experience with their "Spaminator"? I have not had Spaminator turned on because I was afraid it would filter out lists like this one, people with Juno, Hotmail, etc. accounts, etc., and generally cause me even more grief. But the spam is causing grief too. So I'm wondering if people out there have used it and what their experience has been.

Thanks. Please reply directly to me.

Dave K8TRF

Date: Sun, 13 Jan 2002 16:07:45 -0500
From: "Brian Murrey" <brian@iquest.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [117538] Harbor Freight Punch
Message-ID: <015401c19c76\$59a7fce0\$d1362bd1@bmurrey2K>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

FWIW...I order the same thing last year and they sent me the standard punch instead of the metric. I don't know why and I didn't complain.
<grin>

It's not a real high quality tool, but it does the job on PCB material and thin panels.

=====
KB9BVN/QRP - New Whiteland IN - EM69WN
QRP-ARCI #10223 QRP-L #1540 FIST #5695
FISTS CC #764 - Proud Member ARRL
TEN TEC SCOUT @ 5W or NORCAL 40A @ 1.3W
INTO INFAMOUS AF4PS ATTIC DIPOLE
SOC #400 AND FLYING PIGS QRP #-57
=====

----- Original Message -----

From: "Jim Kortge, K8IQY" <jokortge@prodigy.net>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Sunday, January 13, 2002 9:23 AM

Subject: Re: question - harbor freight punch?

> At 08:58 PM 1/12/02 -0500, you wrote:

>

> >Looking for a hand punch, and was wondering if the ITEM 44060-1VGA
from Harbor

> >Freight is the one a lot of you guys are using (the number is
different from

> >that recommended by N2CX). If not, where can I find one? Need it
for making

> >circuit board circles and for punching holes in altoids boxes.

> >

> >Any help would be appreciated.

> >

> >mike

> >wb5yjx

> >1 watt all the time

>

> Mike,

>

> That's the correct punch, only with metric sizes. Won't make any

> difference for Manhattan-style construction, but might be a bit

> off for punching holes for controls, but probably not. I think

> this version is better built than the one that I have with the

> English sized dies.

>

> 72,

>

> Jim, K8IQY

>

>

>

>

Date: Sun, 13 Jan 2002 16:10:06 -0500

From: "Brian Murrey" <brian@iquest.net>

To: "QRP-L" <qrp-l@Lehigh.EDU>, "Pigs" <fpqrp-l@mpna.com>

Subject: [117539] K1 spotted

Message-ID: <017a01c19c76\$adcaaf20\$d1362bd1@bmurrey2K>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hey..the new QST (Feb 02) has a K-1 on the cover.

Kewl.

Neat article about yet another portable 20m dipole. Filed away for
furture reference.

73

=====
KB9BVN/QRP - New Whiteland IN - EM69WN
QRP-ARCI #10223 QRP-L #1540 FIST #5695
FISTS CC #764 - Proud Member ARRL
TEN TEC SCOUT @ 5W or NORCAL 40A @ 1.3W
INTO INFAMOUS AF4PS ATTIC DIPOLE
SOC #400 AND FLYING PIGS QRP #-57
=====

Date: Sun, 13 Jan 2002 16:13:37 EST
From: PDouglas12@aol.com
To: qrp-l@lehigh.edu
Subject: [117540] SWL PSK 20 and 30 sold WM 80 available.
Message-ID: <30.208f5987.29735281@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Gang,
For reasons I can't fathom, I don't get copies of my own message on this
list, so I never saw my own posting of the for sale of these items. Be that
as it may, some folks must have received my offer to sell my SWL PSK rigs, as
they are both spoken for. I still have the Radiokit QRP 30 for sale. \$85
bucks shipped.

Preston WJ2V

Date: Sun, 13 Jan 2002 16:56:02 -0500
From: "Bill Dittrich" <rwddittrich@hotmail.com>
To: qrp-1@Lehigh.EDU
Subject: [117541] re:Copper Tape
Message-ID: <LAW2-F34Qm5tNDaqqyV00020c89@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

<http://www.io.com/~n5fc/>
Here's a web site, (look down to item #5 on main page, see the copper tape?)
I'ts called the copper tape antenna. Looks like it might be fun to try when
travelling!
73
Bill D

Chat with friends online, try MSN Messenger: <http://messenger.msn.com>

Date: Sun, 13 Jan 2002 16:56:49 -0500
From: Steve <n4ey@arrl.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [117542] Re: FS: Power Punch Kit
Message-ID: <3C4202A1.117C9F0B@arrl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Item is sold. Thanks.

>
> <http://www.dxmarket.com/micromark/products/81530.html>
>

Date: Sun, 13 Jan 2002 15:01:47 -0700
From: "Francis Callahan" <colcal@srv.net>
To: <QRP-L@Lehigh.EDU>
Subject: [117543] Sale/Swap
Message-ID: <000701c19c7d\$e667ec60\$7bdb070c@callahan>
MIME-Version: 1.0
Content-Type: text/plain;

charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Icom 2710H 2 meter 440 meter mobile 50 watts out on 2 and 35 watts out on 440
100 memories on each band and 440 band has the extended receive manual and
mobile mount, Viz vold ohm analog meter with manual, lots of camera
equipment Contact Cal KF7ET direct thanks for the BW

Date: Sun, 13 Jan 2002 15:06:58 -0800 (PST)
From: N1EU <n1eu@yahoo.com>
To: qrp-l@lehigh.edu
Subject: [117544] Type 75 Ferrite Beads?
Message-ID: <20020113230658.96713.qmail@web14608.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Does anyone know of a source for ferrite beads
composed of Type 75/J material, with an inside
diameter .19 - .3 inches? Amidon seems to only offer
type 43 and 77

Thanks for any help!

73,
Barry N1EU

Do You Yahoo!?
Send FREE video emails in Yahoo! Mail!
<http://promo.yahoo.com/videomail/>

Date: Sun, 13 Jan 2002 18:18:10 -0500
From: "Steve Lawrence" <Steve.Lawrence@ITWFEG.COM>
To: qrp-l@Lehigh.EDU
Subject: [117545] Te-Ne-Key or Paddlette?
Message-ID: <0FE33DE1A4.B9122CB4-0N85256B40.007FBE3C@troy.pmifeg>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I'm interested in comments from those that have tried BOTH of these
compact, portable paddles.

Which did you like? Why?

TIA & 73,
Steve

Date: Sun, 13 Jan 2002 23:22:39 +0000
From: "Jim Larsen" <al7fs2001@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [117546] Re: FS: Power Punch Kit - Lower 48 issues on shipping
Message-ID: <F1766Kio5xX67UH0xDR0001c36d@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

----- Original Message -----
Subject: Re: FS: Power Punch Kit - Lower 48 issues on shipping
Date: Sun, 13 Jan 2002 13:09:36 -0900
From: Jim Larsen - AL7FS <AL7FS@ARRL.NET>
Organization: CranioSacral Therapy <http://www.upledger.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
BCC: n4ey@arrl.net
References: <3C41D63A.2B0E0E4E@arrl.net>

Greetings from Alaska,

Just an educational note from Alaska (probably applies to Hawaii, too).

Alaska is in the USA, uses the US Postal Service and if you are shipping from the East coast the price to Alaska (and prob. HI) it is the same as to Seattle.

Please check it out and consider not excluding Alaska and Hawaii on offers. I know that no slight is intended but decades of higher costs to Alaska are a habit hard to break. And UPS and Fed Ex will still kill you on charges to Alaska but sometimes USPS is the same or cheaper than shipping East to West coast.

Now if you are on the Midwest it may make a difference but the West Coasters will pay the cross continent zone rates to the East coast and maybe even less to Alaska (5 cents less on 3 pounds).

Just a thought. I already have my own punch.

Thank you.

73, Jim

--

Jim Larsen, AL7FS, Anchorage, Alaska
(BP51cc) - 61.101 North, 149.824 West
mailto:al7fs@arrl.net - <http://www.qsl.net/al7fs/>

wrote:

>I have for sale a hand punch that I purchased from Micro
>Mark to make pads but never used. UNUSED condition, in
>original box with instruction sheet.

>

>See the following listing.

>

><http://www.dxmarket.com/micromark/products/81530.html>

>

>I paid their price of \$29.95 + \$5.75 S/H.

>I will sale for \$29 postage paid in lower 48 states.

>

>email if interested.

>

Chat with friends online, try MSN Messenger: <http://messenger.msn.com>

End of QRP-L Digest 2435
